VPCEC3AFX/BJ

VAIO - Notebook EC

Standout from the crowd

REDISCOVER YOUR FAVORITES

Rediscover your favorite music, photos and more with Media Gallery™ software. Developed with design in mind, Media Gallery includes a stunning UI with easy-to-use features that take the work out of enjoying your media.

In one-step, integrated SensMe™ Technology simplifies your massive music library into playlists based on the elements of your music as well as your unique listening habits.

Instantly get the scoop on your favorite artist with built-in GraceNote™ support while an integrated YouTube™ search engine automatically seeks out and suggests music videos, interviews and other content related to the song being played.

Gesture Control introduces a whole new way to control content playing within Media Gallery. Using advanced technology, Media Gallery includes the ability to utilize your integrated webcam to detect specific hand movements that command the player to play, pause, skip forward or back through a song, video or slideshow.

POWERFUL PERFORMANCE

Enjoy the powerful performance of an Intel® Core™ i5 - 460M (2.53GHz)[1] with Turbo Boost Technology[19] up to 2.80GHz.

The VAIO® EC Series laptop comes pre-installed with Genuine Windows® 7 Home Premium 64-bit[12].

Microsoft® Office Starter 2010[11] includes reduced-functionality versions of Word and Excel® only, with advertising.

Store your favorite movies, important documents, and cherished family photos on the massive 500GB[2] (7200rpm) hard drive.Tackle virtually any graphics requirement with an ATI Mobility Radeon™ HD5650 graphics card with 1GB of VRAM.

A 17.3"[4] (1920x1080) Full HD widescreen, LED backlit display uses power-efficient LCD technology anddelivers dazzling colors and picture clarity.

SUPERIOR SUPPORT FOR YOUR VAIO® COMPUTER

Not a PC Expert? Don't know what a "de-frag" is? No problem. We've designed an easy-to-use tool that lets you tune up, update and troubleshoot your VAIO® PC with just a few clicks. An *ASSIST* button on the keyboard panel that puts this helpful program right at your fingertips.

Enjoy the convenience and accessibility of In-home and International service with the Sony standard limited warranty[14].

With In-home service, when possible we'll come to you to repair your PC for a variety of issues.[14]

International service provides you with coverage in over 40 countries; Sony helps assure that your VAIO® laptop will have a broad range of services and support when you travel. Optional Sony extended service plans are available to extend your limited warranty coverage up to 4 years from the date of your PC purchase.

Superior performance and amazing HD entertainment on a top-notch 17.3"[4] Full HD widescreen LCD laptop with an integrated number pad. An Intel® Core™ i5 processor, loads of RAM, Blu-ray Disc™ drive, and ATI™ dedicated graphics gives you smart performance and incredible picture quality all in a sleek, up-market design.

Intel Core i5 Inside Faster. Smarter.

Windows 7

ATI Radeon Premium Graphics

Blu-ray Disc

Bluetooth

HDMI

Wi Fi CERTIFIED

ENERGY STAR

RoHS COMPLIANT

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Specifications

General

Computer Type: Laptop
Action Buttons: VAIO, ASSIST, WEB, Wireless on / off
Pointing Device: Electro-static touchpad (Multi-Finger)

Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch
Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology
10-Key Numeric Pad: Yes

Processor

Type: Intel® Core™ i5 - 460M (2.53GHz)[1]
Speed: 2.53GHz[1]
Technology: Intel® Turbo Boost Technology up to 2.80GHz[19]
L3 Cache: 3MB

Memory

Installed: 4GB (2GBx2)
Maximum: 8GB
Type/Speed: DDR3/1066MHz

Hard Drive

Capacity: 500GB[2]
Speed: 7200rpm
Type: Serial ATA

Optical Drive

BD-R DL Read: 8x max
BD-R Read: 8x max
BD-RE DL Read: 8x max
BD-RE Read: 8x max
BD-ROM Read: 8x max
Blu-ray Disc™ Support: Read Only[18] (BD-ROM)
CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality
One ExpressCard® /34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 17.3"[4]
Resolution: 1920 x 1080
Technology: Full HD
Back Light Technology: LED

Graphics

Processor: ATI Mobility Radeon™ HD 5650 Graphics
Video RAM: 1GB of dedicated video RAM

Inputs and Outputs

Headphone Jack: 1
Microphone Input: 1
USB Port(s): 4 USB (one shared with eSATA)
VGA Output(s): 1
DC-In: 1
Ethernet Connection (s): 1
Internal Microphone: 1
HDMI™ Output(s): 1

Power

Battery Type: Standard Capacity Lithium-ion Battery.
DVD Playback: Up to 2 hours[7] Standard Capacity Battery.
Default Brightness: Up to 3 hours[7] Standard Capacity Battery.
Up to 4.5 hours[7] Large Capacity Battery (sold separately).
Maximum Brightness: Up to 2.5 hours[7] Standard Capacity Battery.
Up to 4 hours[7] Large Capacity Battery (sold separately).

Start-up Times

Average Boot Time: 60 sec[16]
Average Resume Time from Suspend: 2 sec[16]
First Boot Time: 5 min[17]

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Wi-Fi: 802.11 b/g/n[3]
Bluetooth® Technology: Integrated Stereo A2DP (2.1 + EDR) [20]

Software

Operating System: Genuine Windows® 7 Home Premium 64-bit[12]
Supplied Software: Microsoft® Office 2010 Starter[11]
Anti-Virus Software: Norton Internet Security™ 2010 30-Day Trial Offer[13]
System Maintenance and Support: VAIO Care™ - System diagnostics and maintenance
Sony® Creativity Suite: PMB – VAIO® Edition - Import, organize, edit and publish in one easy-to-use program
VAIO® Media Gallery™ software - Bring forgotten favorites to life
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Adobe Creative Bundle: Adobe Photoshop® Elements 8.0 - Make your photos look extraordinary, fix common problems like red eye, and easily manage and protect all your photos and video clips.
Adobe Premiere® Elements 8.0 - Turn your home videos into professional-looking movies complete with customized effects, transitions, soundtracks and more. Ongoing tutorials and tips & tricks help make it easy.
Adobe Acrobat® Standard 9.0 - Create PDF documents, organize content in a single PDF file, quickly create and distribute forms, and share documents more securely.

Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance available 24/7 at 888-476-6972. For priority support, please call 239-768-7605[9].
Online and Email Support: Available at http://www.esupport.sony.com/EN/VAIO
Onsite/In-Home Service: 1 year limited warranty with Onsite/In-Home Service[14]. See actual warranty for details.
International Service: 1 year international service plan. Registration required. See www.sony.com/IRSP for details.
Limited Warranty Term: 1 year limited warranty[8]. See actual warranty for details.

Environmental Information

EPEAT™ : Gold
RoHS®: Compliant
ENERGY STAR®: 5.0

Dimensions

Weight: 7.3 lbs (with standard capacity battery)
Measurements: 16.1"(W) x 1.25"(H) x 10.78"(D)[5]

Supplied Accessories

Standard Capacity Lithium-ion Battery (3500mAh)
AC Adapter
Power Cord

Optional Accessories

Stick AC Adapter (VGP-AC19V30)
Large Capacity Battery (VGP-BPS22A)
Keyboard Skin (VGP-KBV3)
Wireless Laser Mouse (VGP-WMS30)
Campus Messenger Bag (VGP-AMB14/B)
VAIO® Notebook Backpack (VGP-CCP5/L)
VAIO® Notebook + AC Adapter Case (VGP-AMC2)
VAIO® Canvas Urban Messenger Bag (VGP-AMB12)

Color: Matte Black
UPC Code: 027242815346

1. GHz denotes microprocessor internal clock speed and may vary.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires a compatible 802.11 access point (802.11n recommended) and internet connection.
4. Viewable area measured diagonally.
5. Measured at the narrowest point
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Estimates only based upon Sony engineering testing. Actual performance will vary based on notebook settings, environmental conditions, and usage. Battery capacity decreases over time and use.
8. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics,12451 Gateway Boulevard, Fort Myers, FL 33913.
9. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long distance charges may apply
10. Broadband Internet service required along with third party services which may require a subscription or other service fee.
11. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.
12. Compatibility and performance in a 64-bit environment may vary.
13. Norton Internet Security™ 2010 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
14. When available, Sony will provide Onsite/In-Home Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.
15. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
16. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
17. Excluding end user interaction
18. Certain circumstances may limit/prevent Blu-ray Disc™ media playback.
19. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. For more information, see http://www.intel.com/technology/turboboost
20. Interoperability and compatibility among Bluetooth® devices vary.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.

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